

List of pest-repelling plants

This **list of pest-repelling plants** includes plants utilised for their ability to repel insects, nematodes, and other pests. They have been used in companion planting as pest control in agricultural and garden situations, and in households.

Certain plants have shown effectiveness as topical repellents for haematophagous insects, such as the use of lemon eucalyptus in PMD, but incomplete research and misunderstood applications can produce variable results.^[1]

The essential oils of many plants are also well known for their pest-repellent properties. Oils from the families Lamiaceae (mints), Poaceae (true grasses), and Pinaceae (pines) are common haematophagous insect repellents worldwide.^[1]

Plants that can be planted or used fresh to repel pests include:

Plant	Pests
artemisia	repels insects, ^[2] including ants, cabbage looper, cabbage maggot, carrot fly, codling moth, flea beetles, whiteflies, the Cabbage White, and the Small White, as well as mice ^[3]
basil	repels flies, including mosquitoes ^{[2][4]} the carrot fly, asparagus beetles and whiteflies ^[3]
borage	<i>repels tomato hornworm and cabbage worms</i> ^[2]
castor bean	repels moles ^[3]
catnip	repels ants, flea beetles, aphids, the Japanese beetle, squash bugs, weevils, ^[2] the Colorado potato beetle, the cabbage looper, ^[3] and cockroaches. ^[4] May attract cats.
chamomile	repels flying insects ^[4]
chives	repels carrot fly, Japanese beetle, ^[2] and aphids ^[3]
chrysanthemums	repel roaches, ants, the Japanese beetle, ticks, silverfish, lice, fleas, bedbugs, and root-knot nematodes ^[2]
citronella grass	repels insects, may deter cats ^[5]
citrosa	proven not to repel mosquitoes ^[6]
clovers	repel aphids and wireworms ^[3]
common lantana	repels mosquitoes ^[1]
coriander	repels aphids, Colorado potato beetle, and spider mites ^[3]
cosmos	repel the corn earworm
crown imperial	repel rabbits, mice, moles, voles and ground squirrels ^[7]
dahlias	repel nematodes ^[2]
dill	repels aphids, squash bugs, spider mites, ^[2] the cabbage looper, and the Small White ^[3]
eucalyptus	repels aphids, the cabbage looper, and the Colorado potato beetle ^[3]
fennel	repels aphids, slugs, and snails ^[3]
fever tea	repels mosquitoes ^[1]
four o'clocks	attract and poison the Japanese beetle ^[2]
French marigold	repels whiteflies, kills nematodes ^[2]
garlic	repels root maggots, ^[2] cabbage looper, Mexican bean beetle, and peach tree borer.
geraniums	repel leafhoppers, the corn earworm, and the Small White ^[3]
hyssop	repels the cabbage looper and the Small White ^[3]
larkspurs	repel aphids ^[3]
lavender	repels moths, scorpions, water scorpions, fleas, and flies, including mosquitoes ^[4]
leek	repels carrot fly ^[3]
lemongrass	repels mosquitoes ^[8]
lemon balm	repels mosquitoes ^[4]
lemon thyme	repels mosquitoes ^[4]
lettuce	repels carrot fly ^[3]
lime basil	repels mosquitoes ^[1]

Mexican marigold	repels insects and rabbits ^[2]
myrrh	repels insects ^[5]
narcissus	repel moles ^[3]
nasturtiums	repel squash bugs, ^[2] aphids (though there is conflicting information with some sources stating it attracts aphids), ^[9] many beetles, and the cabbage looper ^[3]
onion	repels rabbits, the cabbage looper, and the Small White ^[3]
oregano	repellent to many pests ^[3]
parsley	repels asparagus beetles ^[3]
peppermint	repels aphids, cabbage looper, flea beetles, squash bugs, whiteflies, and the Small White ^[3]
petunias	repel aphids, tomato hornworm, asparagus beetles, leafhoppers, ^[2] and squash bugs ^[3]
pitcher plants	traps and ingests insects
radish	repels cabbage maggot and cucumber beetles ^[3]
rosemary	repels cabbage looper, carrot fly, cockroaches and mosquitoes ^[10] , slugs, snails, as well as the Mexican bean beetle ^[3]
rue	repels cucumber and flea beetles
Sarracenia pitcher plants	are especially proficient at trapping yellowjacket wasps
spearmint	repels fleas, moths, ants, beetles, rodents, ^[4] aphids, squash bugs, and the cabbage looper ^[3]
spiny amaranth	repels cutworms
stone root	repels mosquitoes ^[5]
summer savory	repels bean beetles ^[3]
tansy	repels ants, many beetles and flies, squash bugs, cutworms, Small White, and Cabbage White ^[3]
thyme	repels cabbage looper, cabbage maggot, corn earworm, whiteflies, tomato hornworm, and Small White
tobacco	repels carrot fly, flea beetles and worms. ^[3]
tomato	repels asparagus beetles ^[3]
venus flytrap	ingests insects ^[4]

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